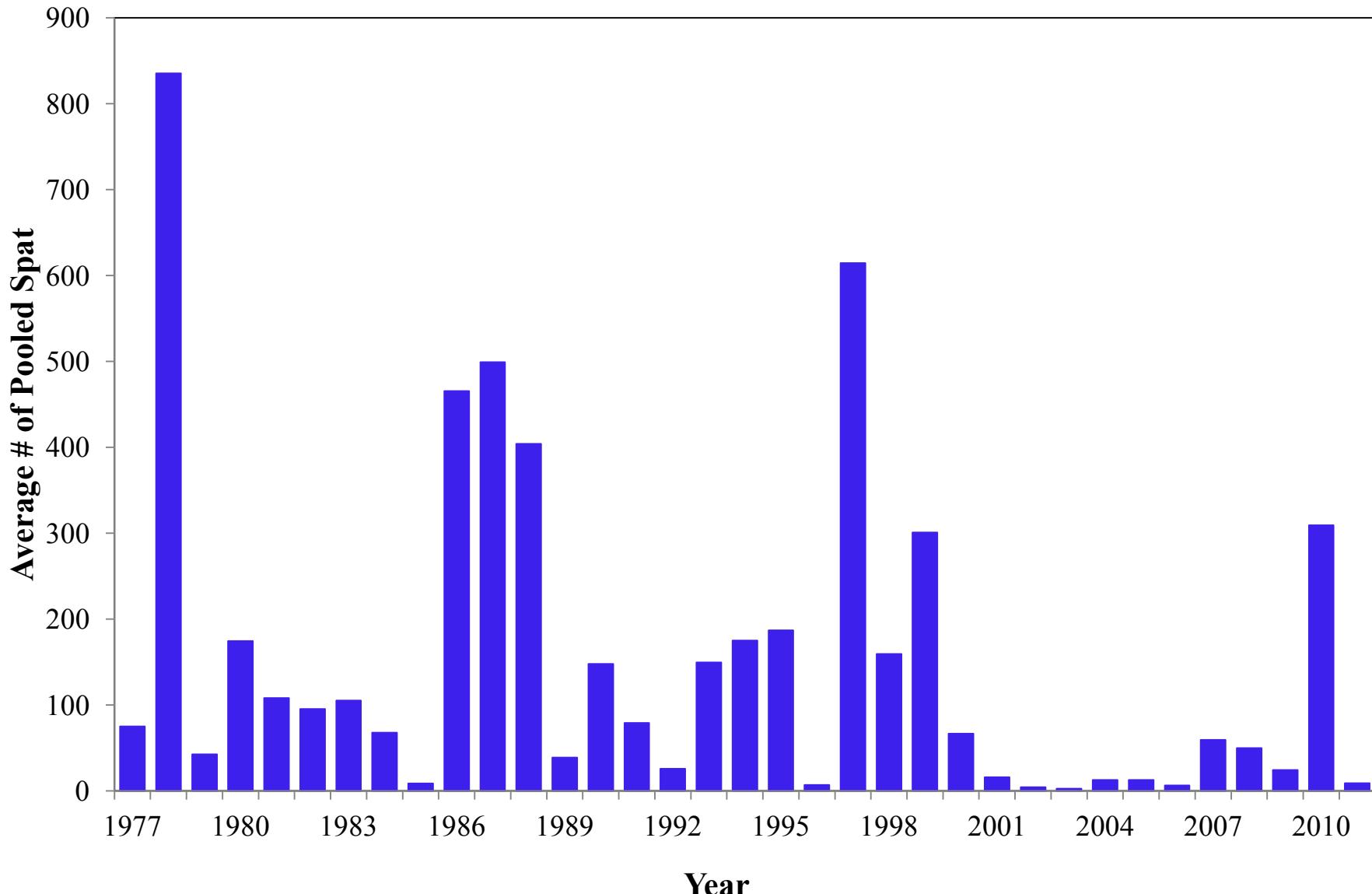


2011  
Survey of Natural  
Oyster Beds

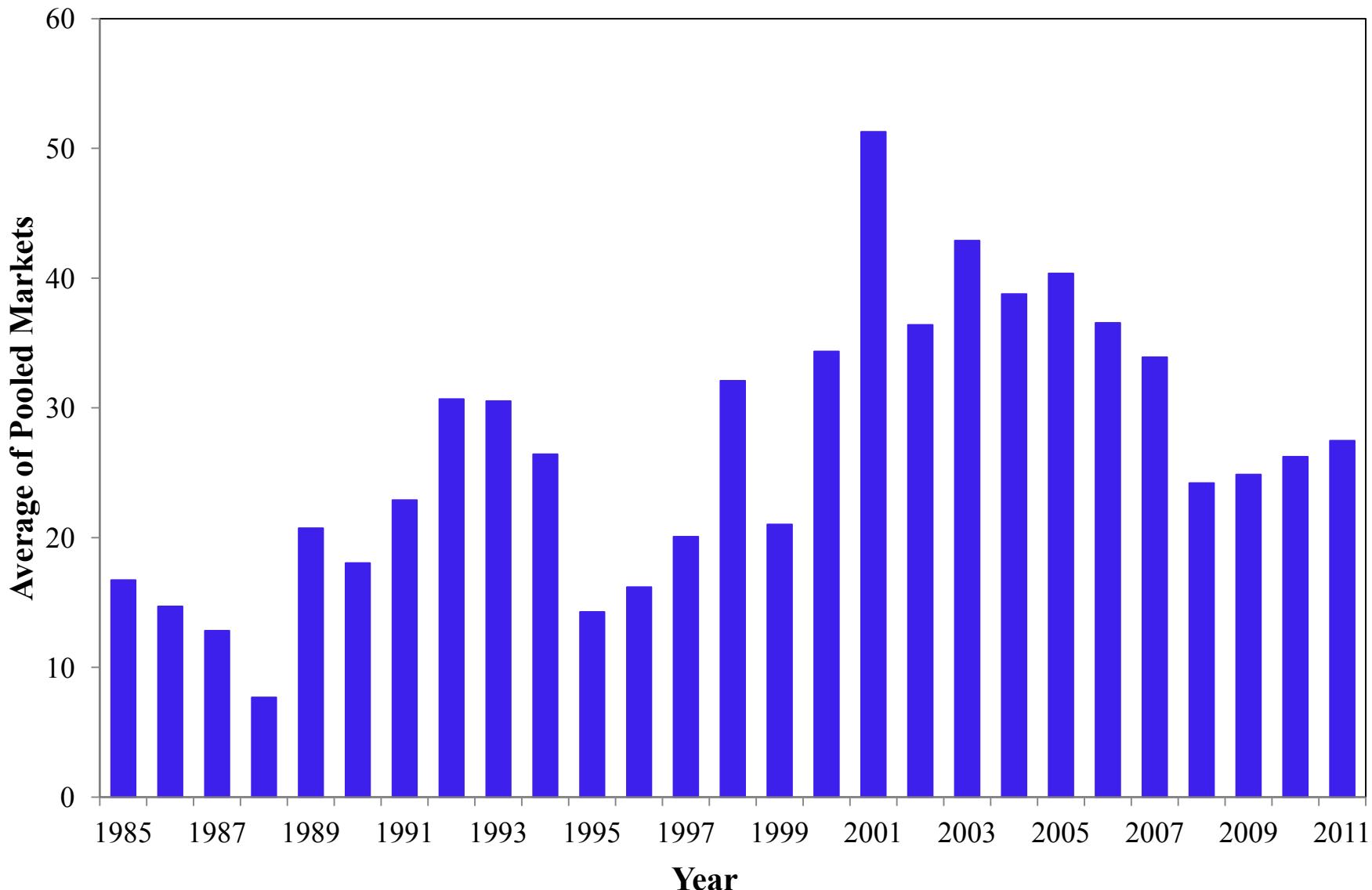


Prepared by Delaware Division of  
Fish & Wildlife Staff

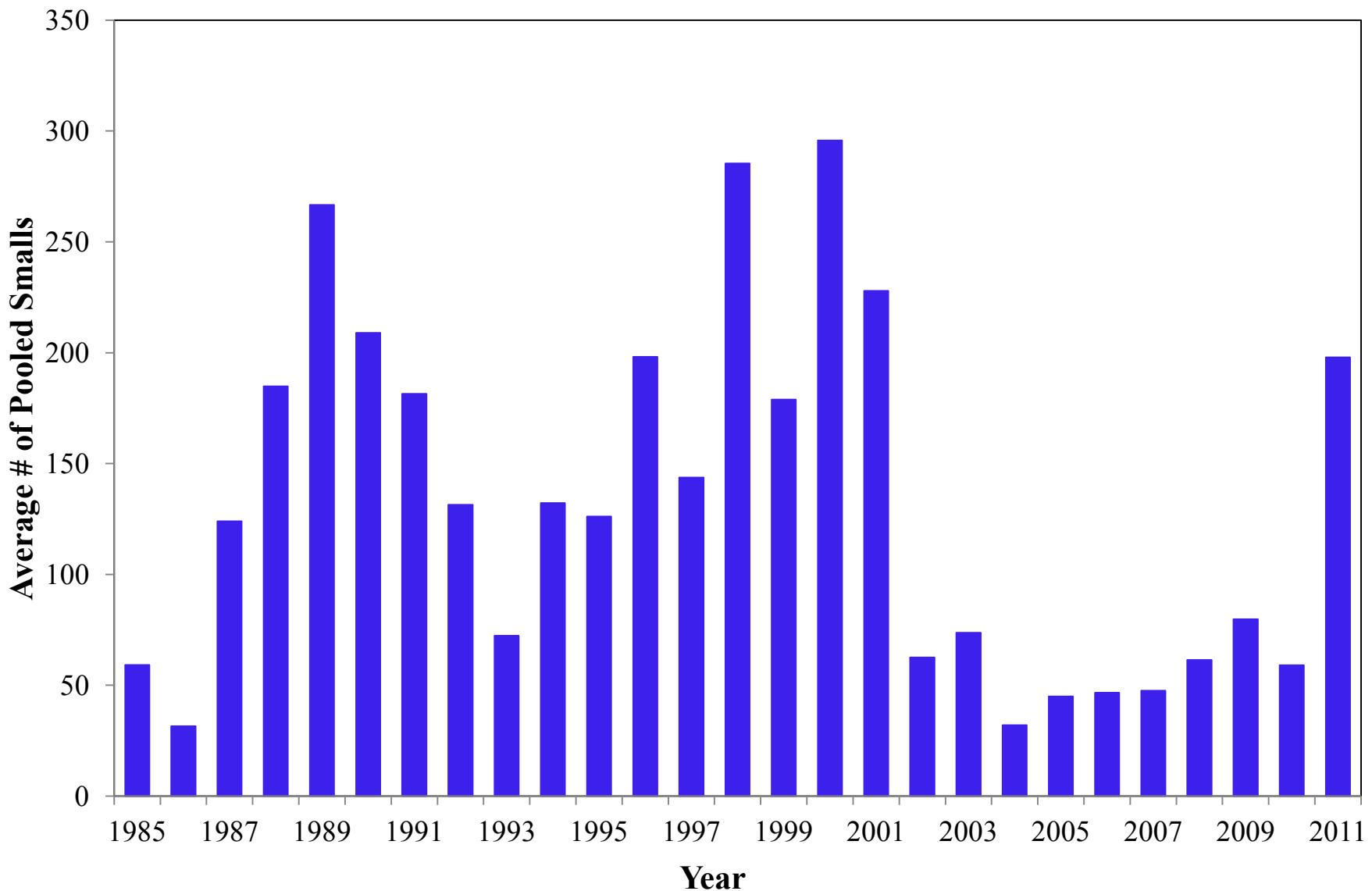
# Average Number of Pooled Spat, 1977-2011



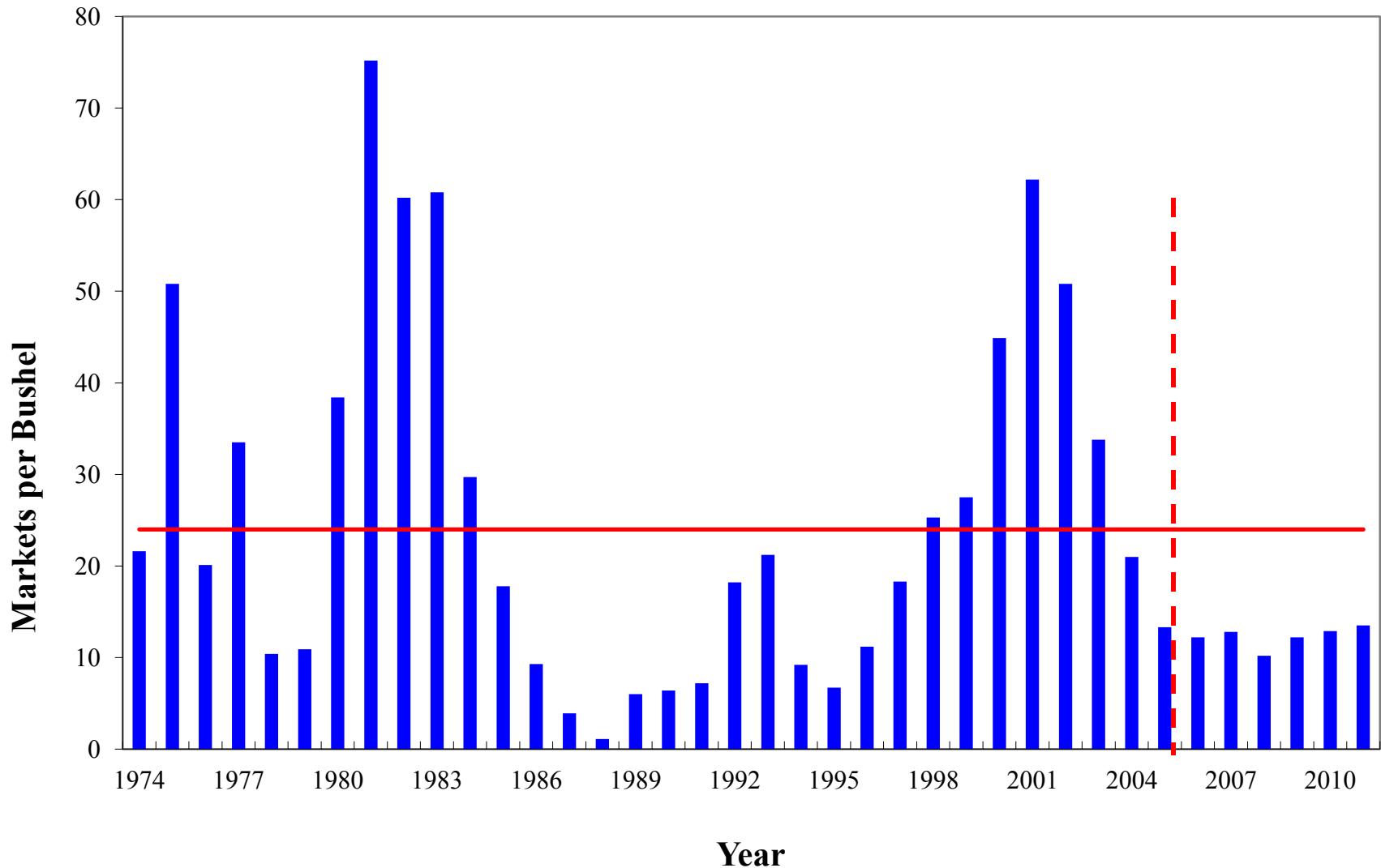
# Average Number of Pooled Markets, 1977-2011



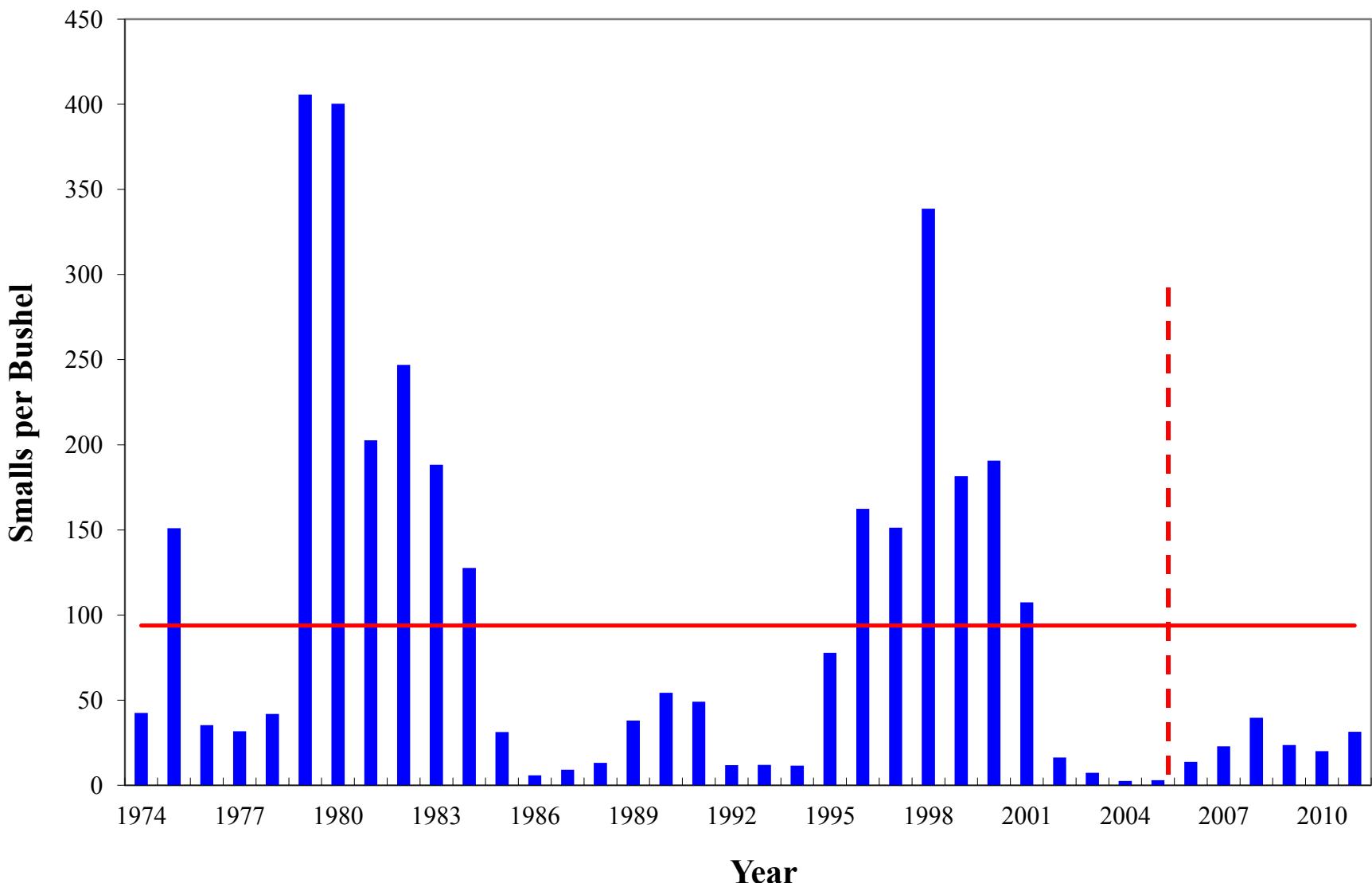
# Average Number of Pooled Smalls, 1977-2011



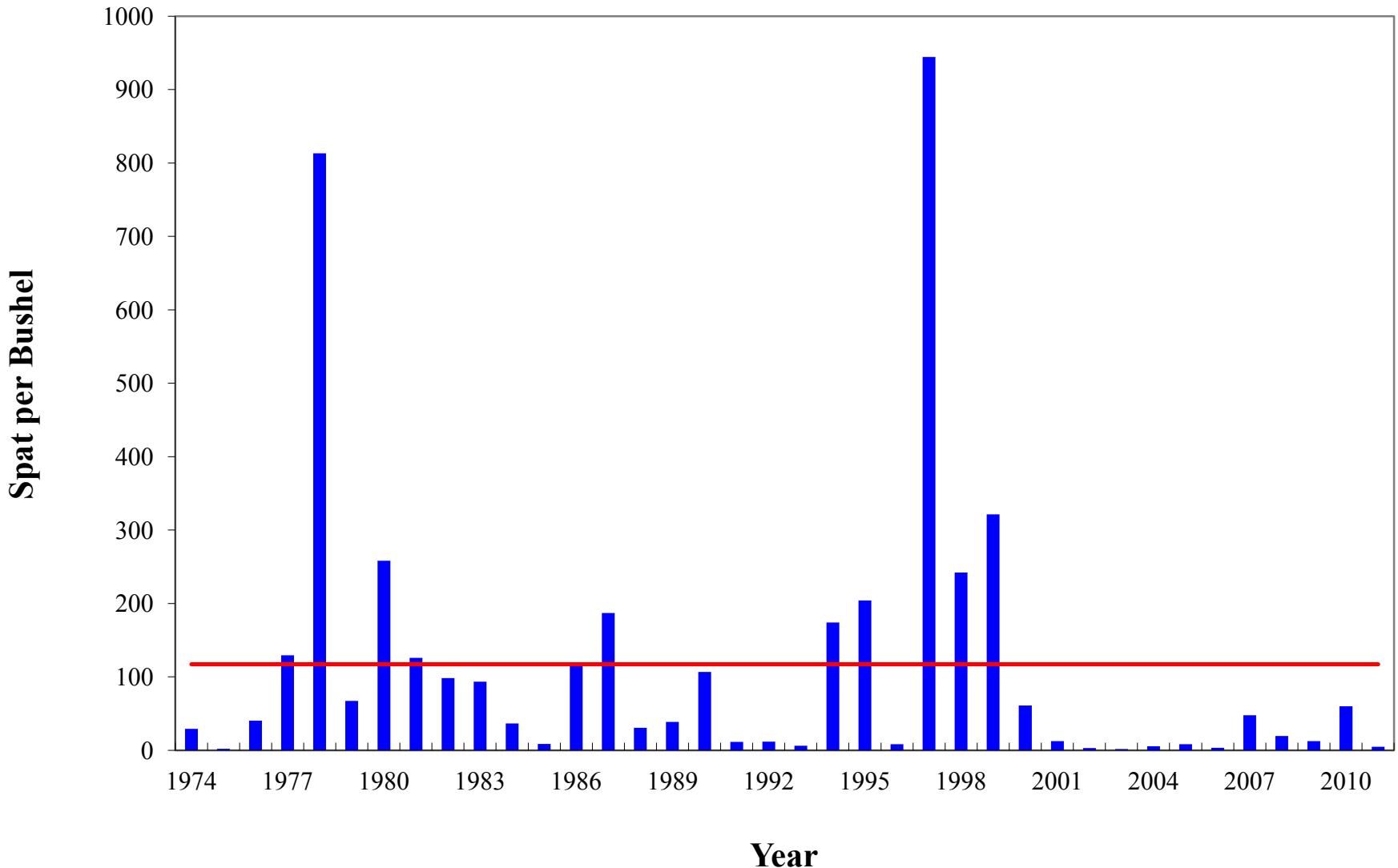
# Ridge Market Oysters



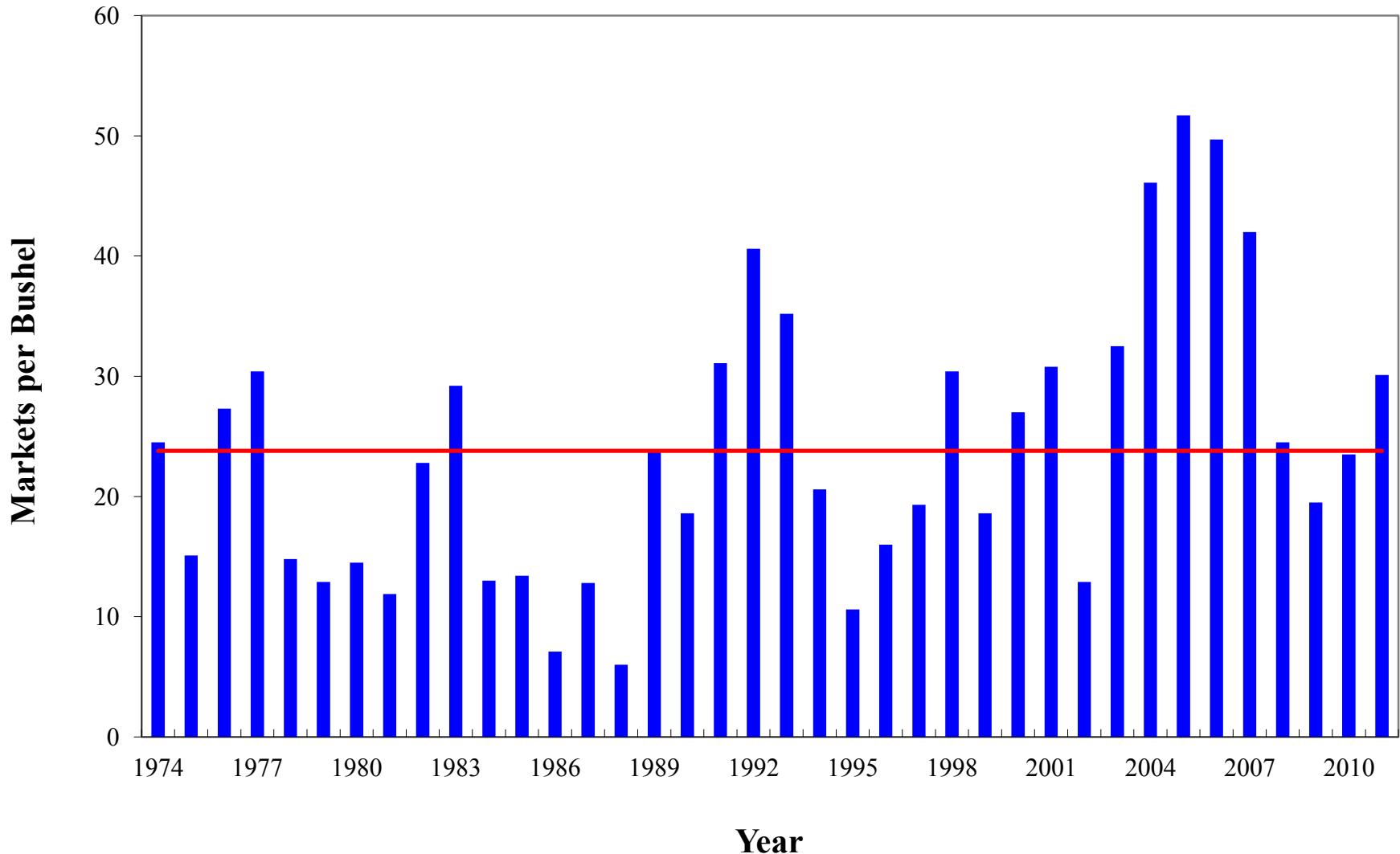
# Ridge Small Oysters



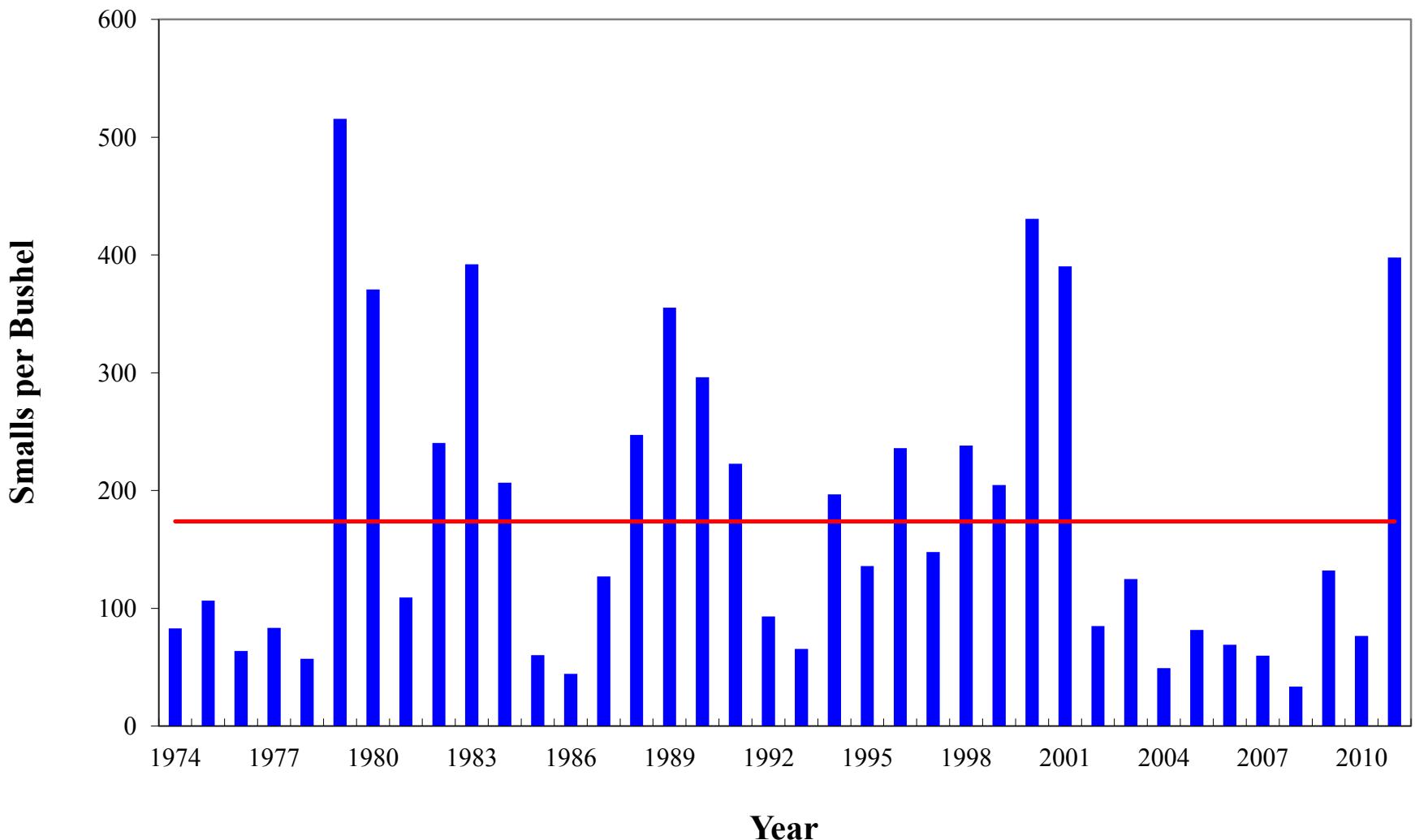
# Ridge Spat per Bushel



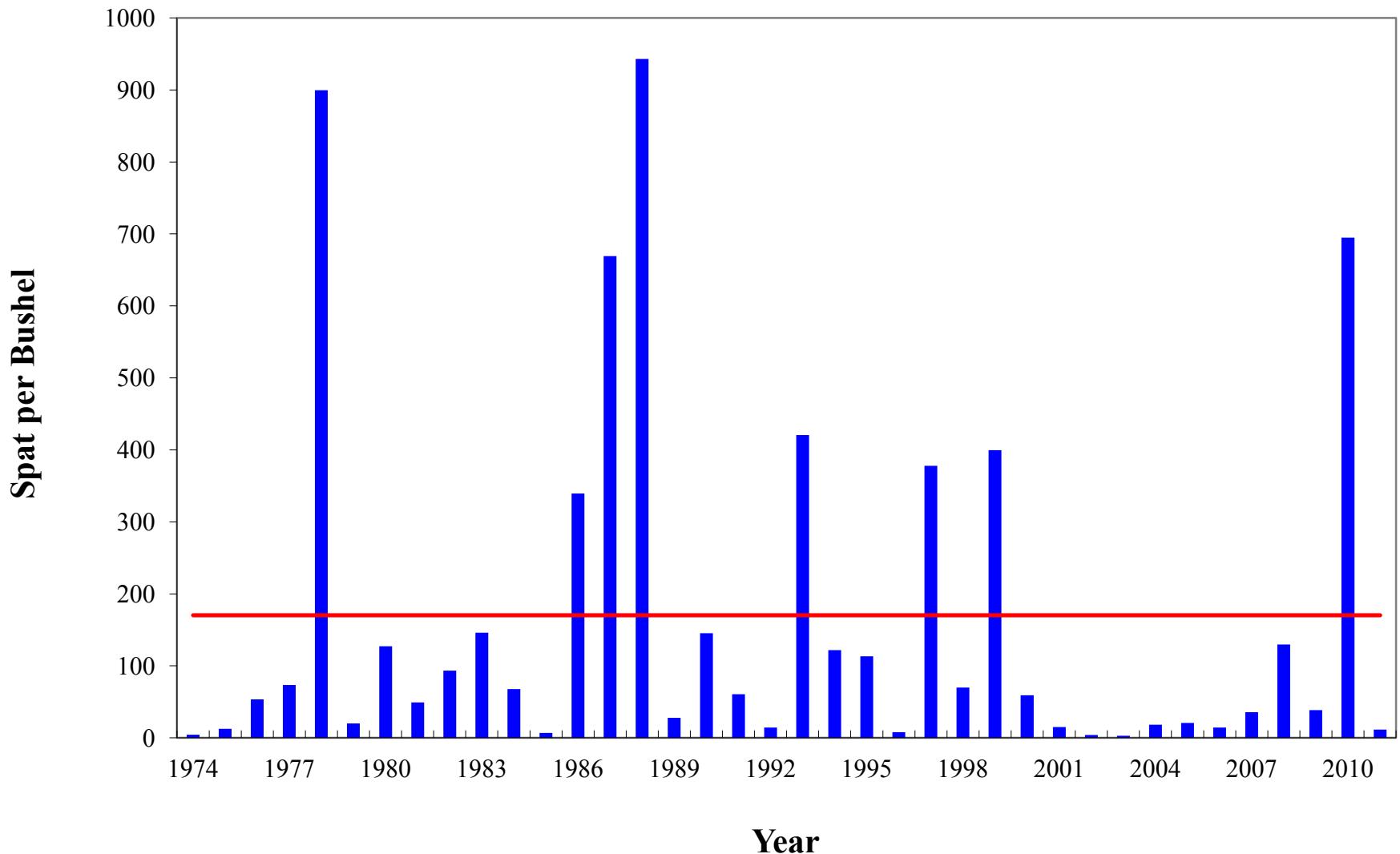
# Silver Bed Market Oysters



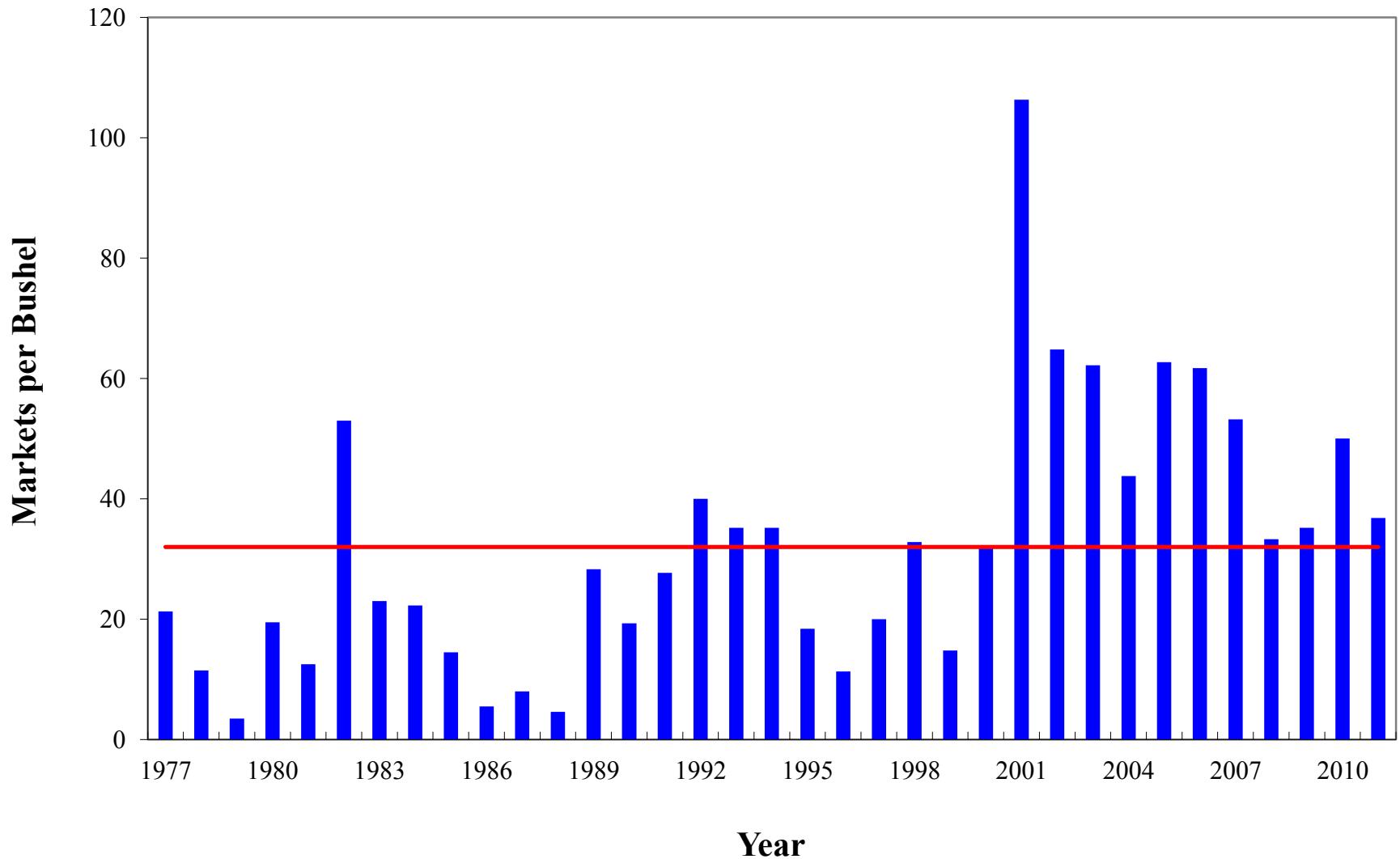
# Silver Bed Small Oysters



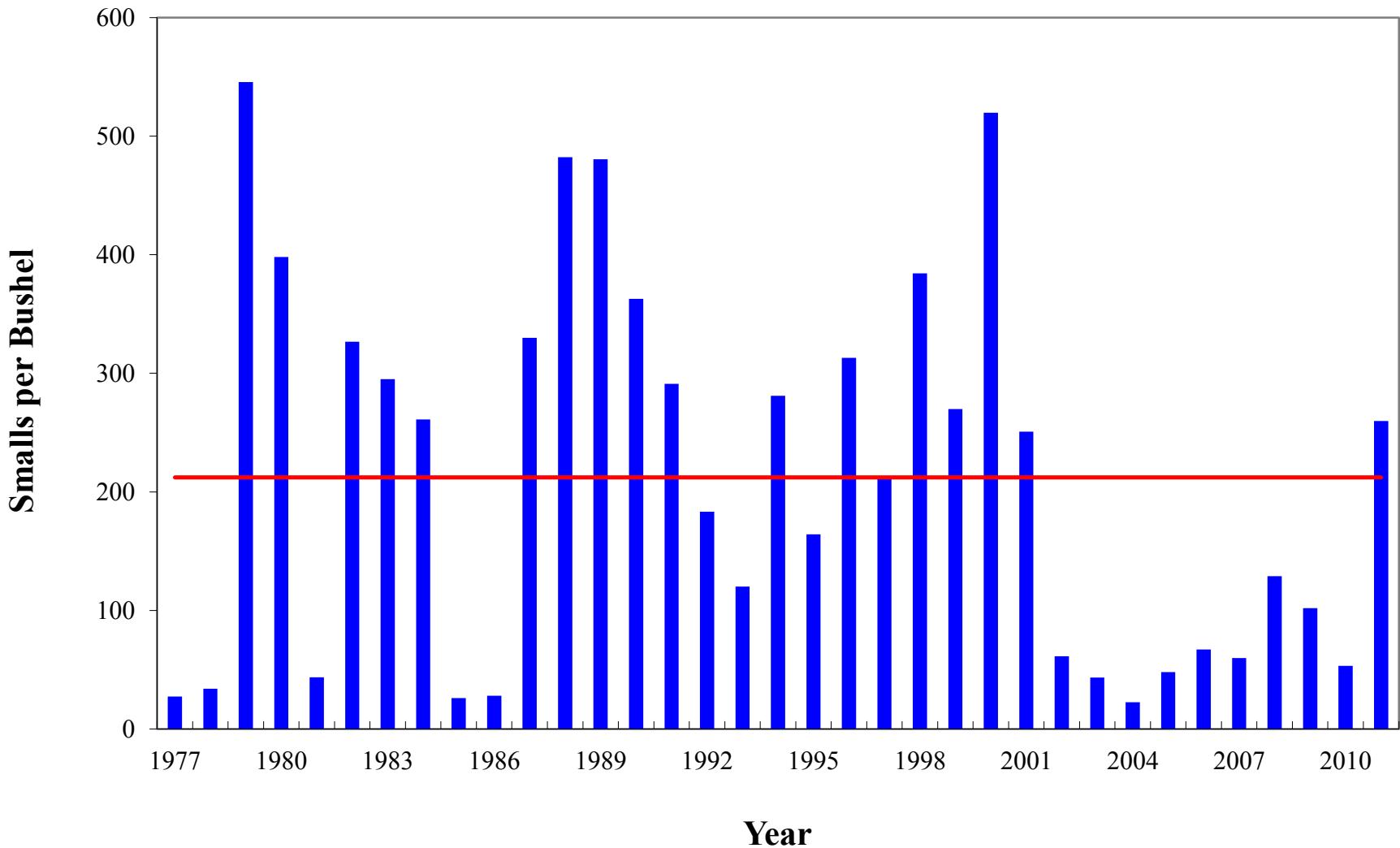
# Silver Bed Spat per Bushel



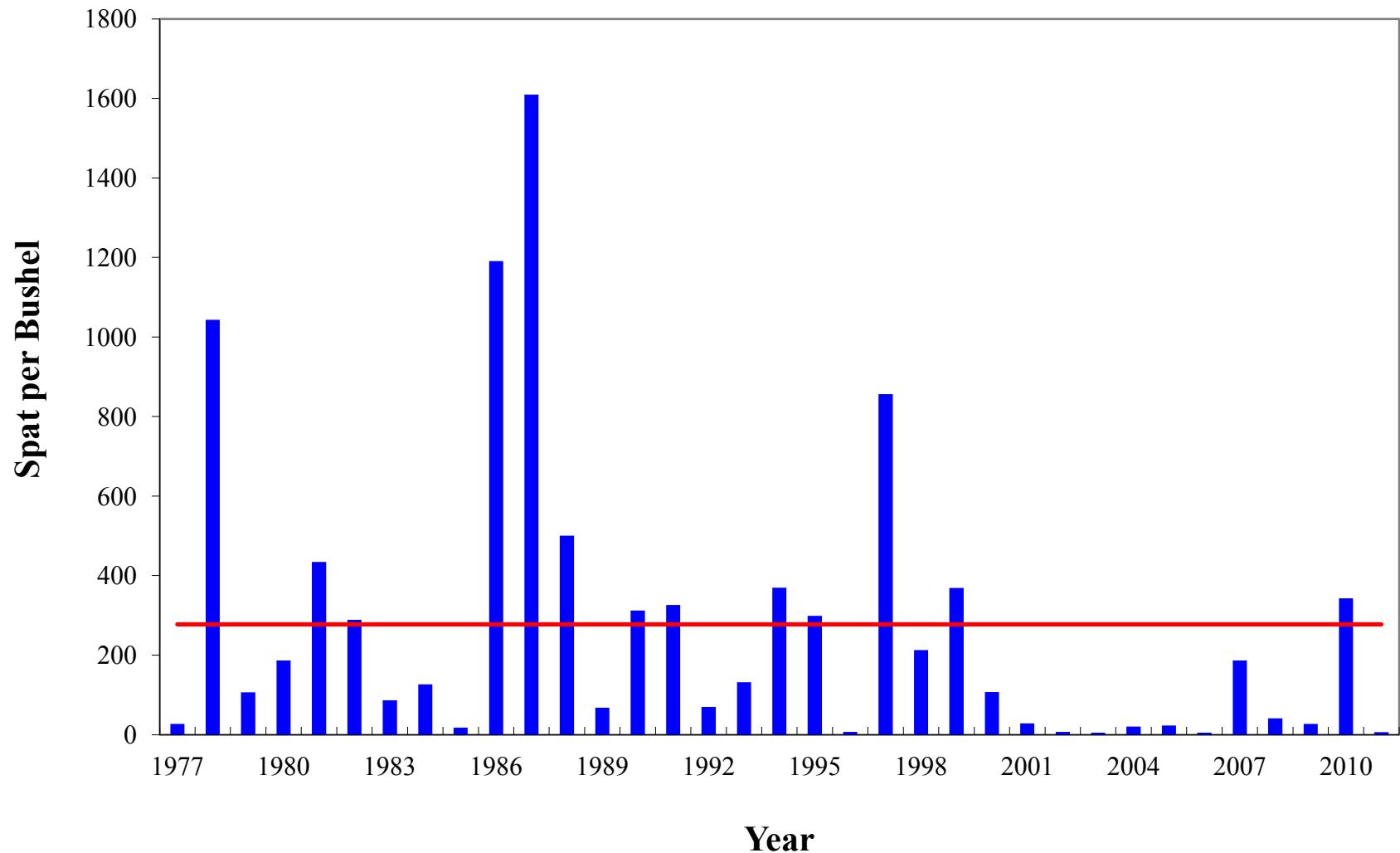
# Lower Middle Market Oysters



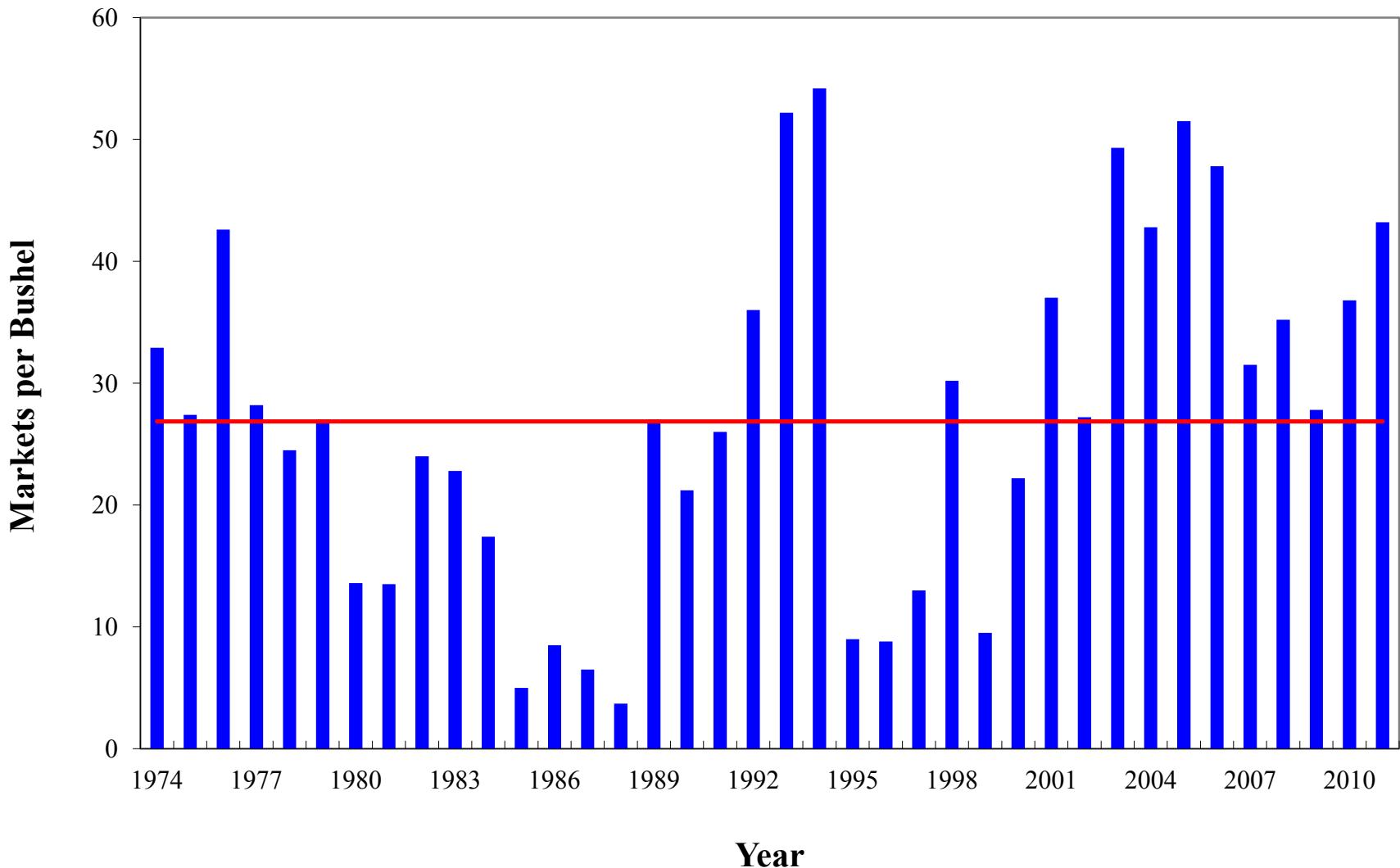
# Lower Middle Small Oysters



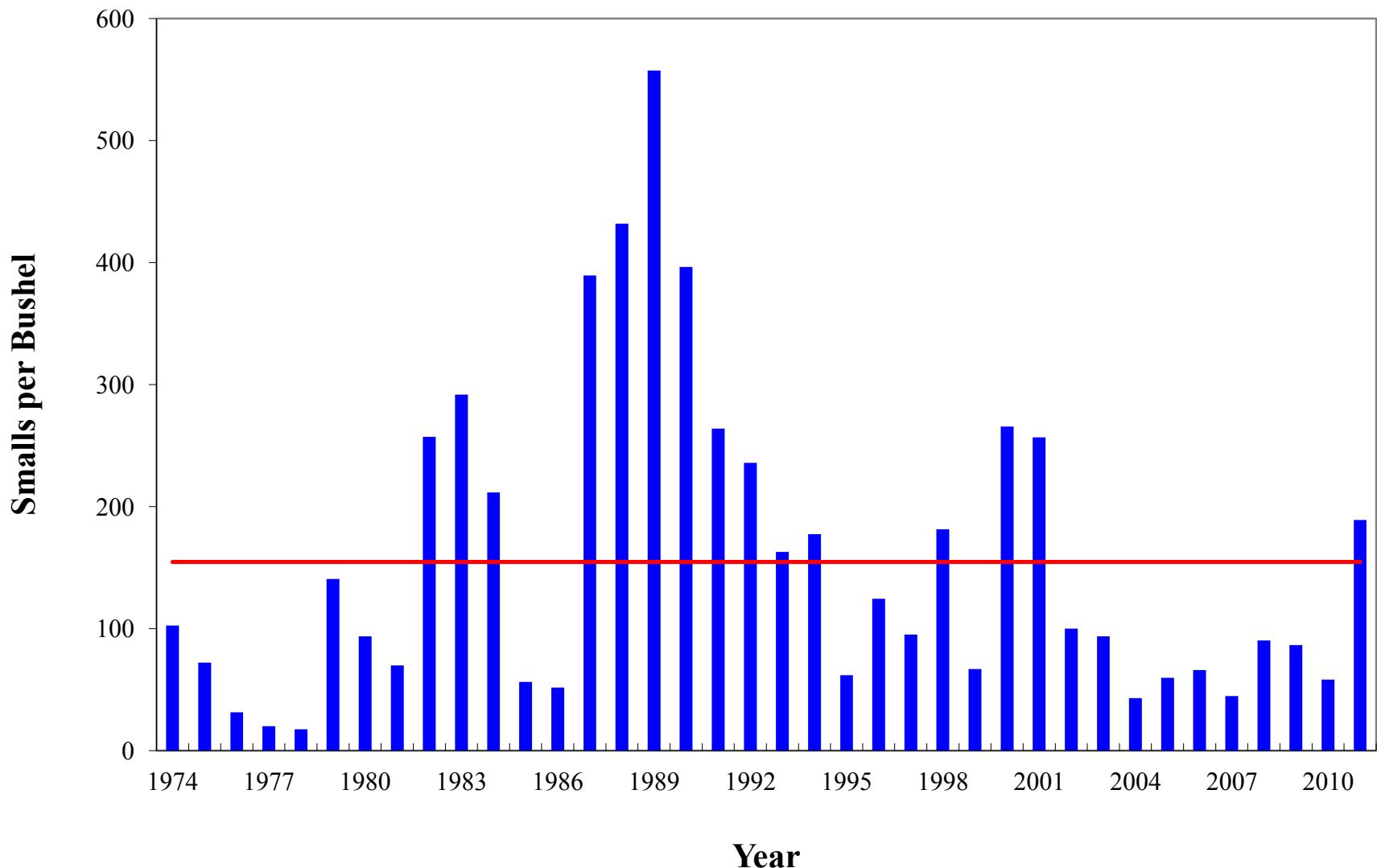
# Lower Middle Spat per Bushel



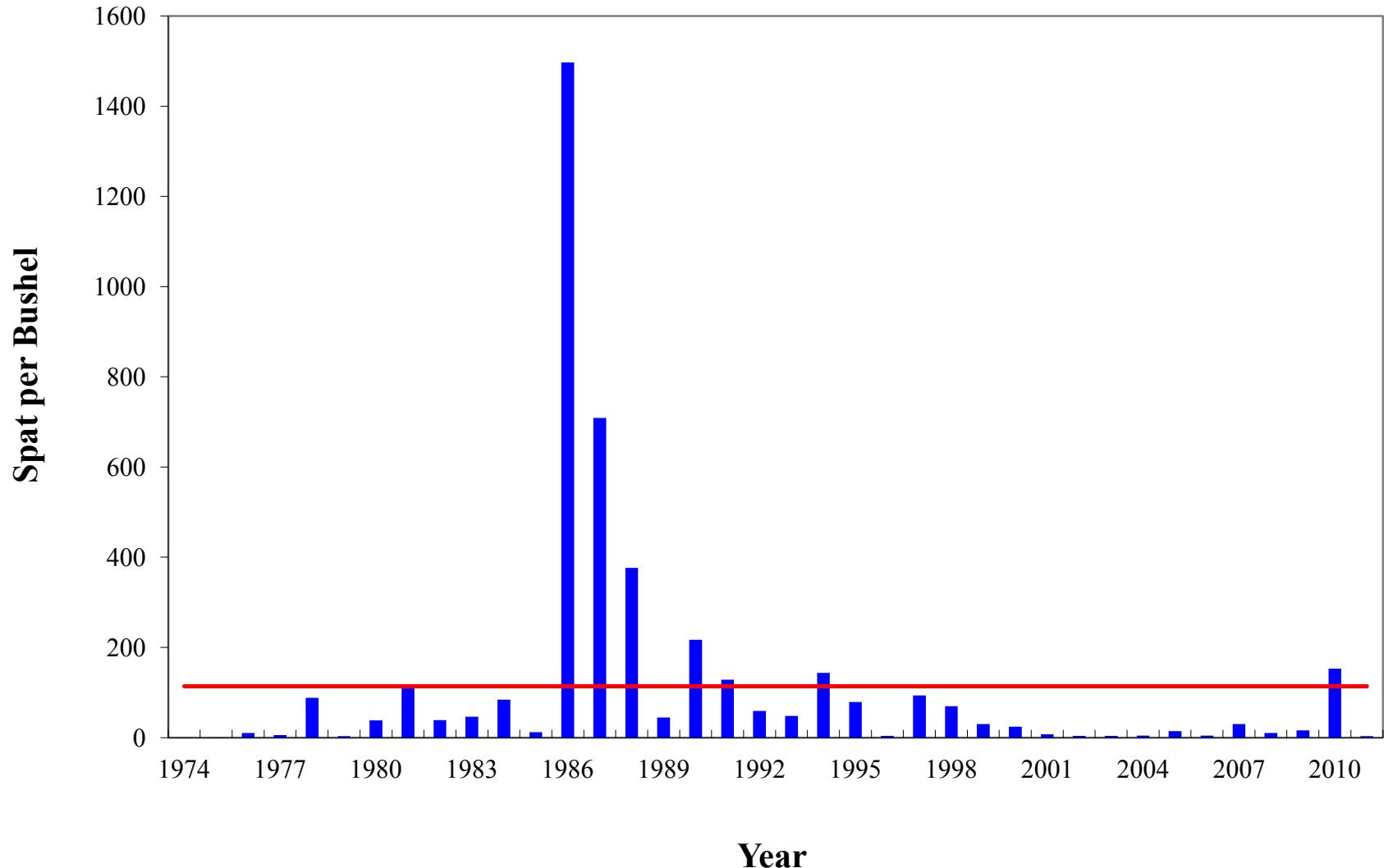
# Over the Bar Market Oysters



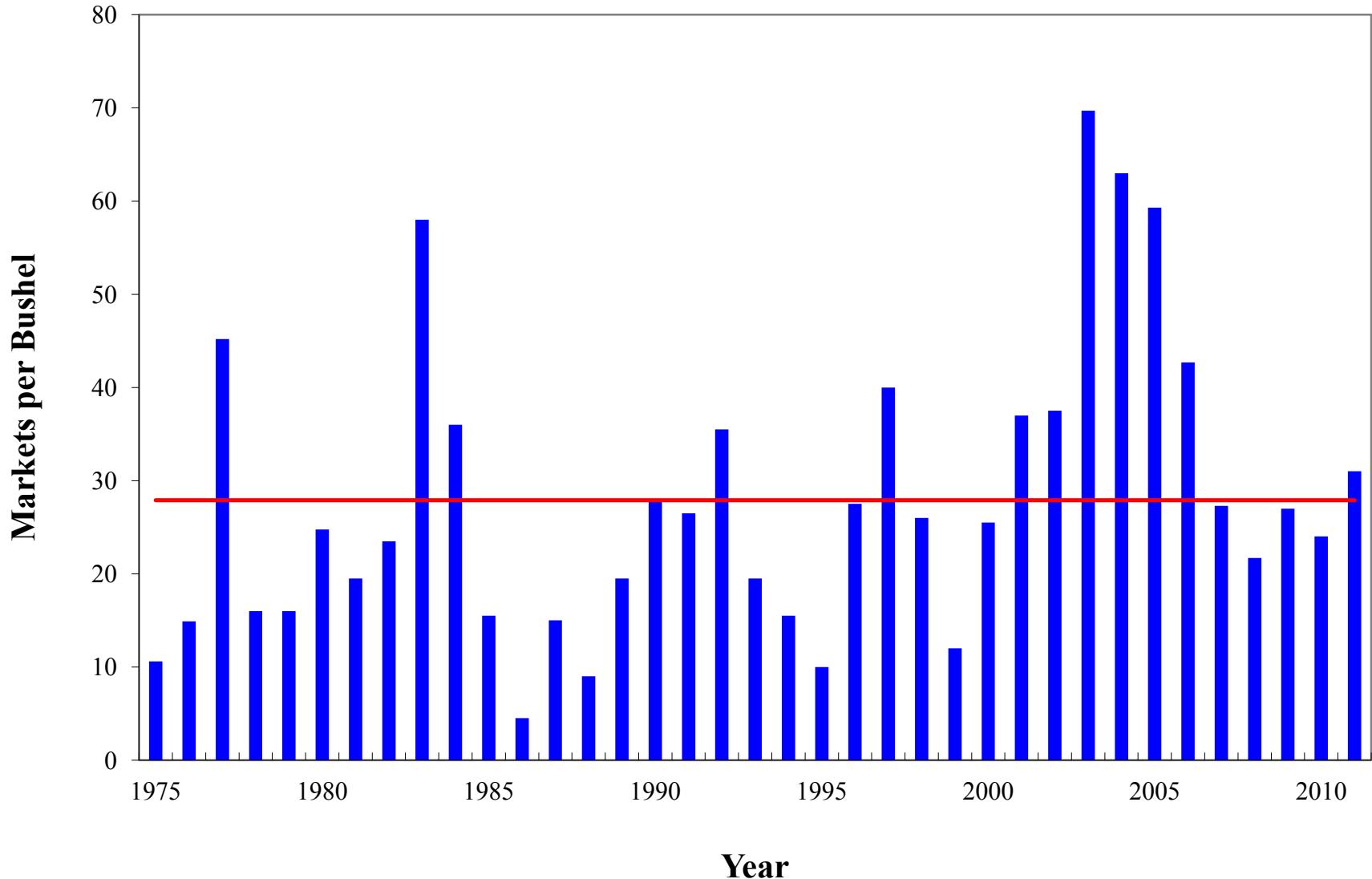
# Over the Bar Small Oysters



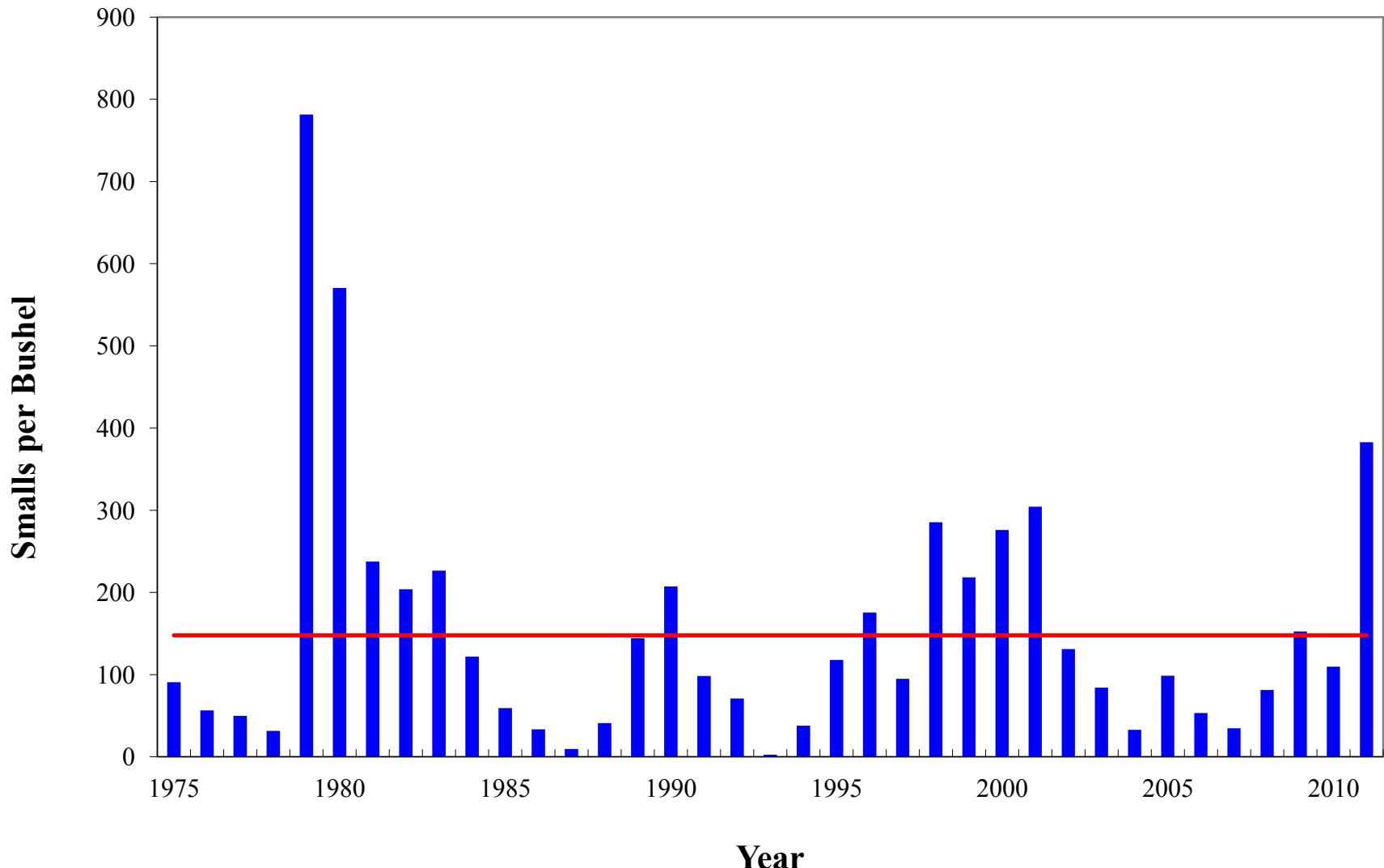
# Over the Bar Spat per Bushel



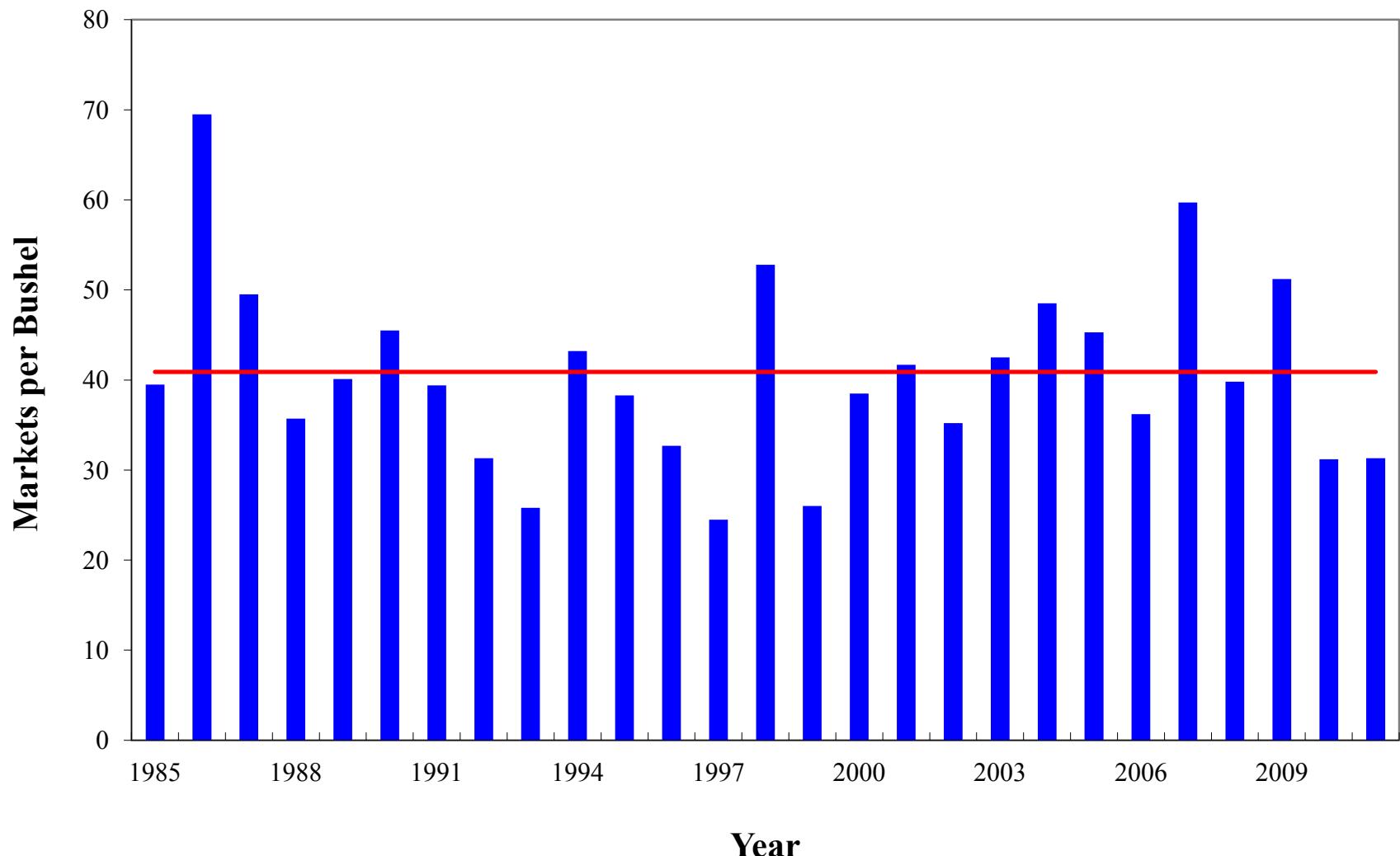
# Drum Bed Market Oysters



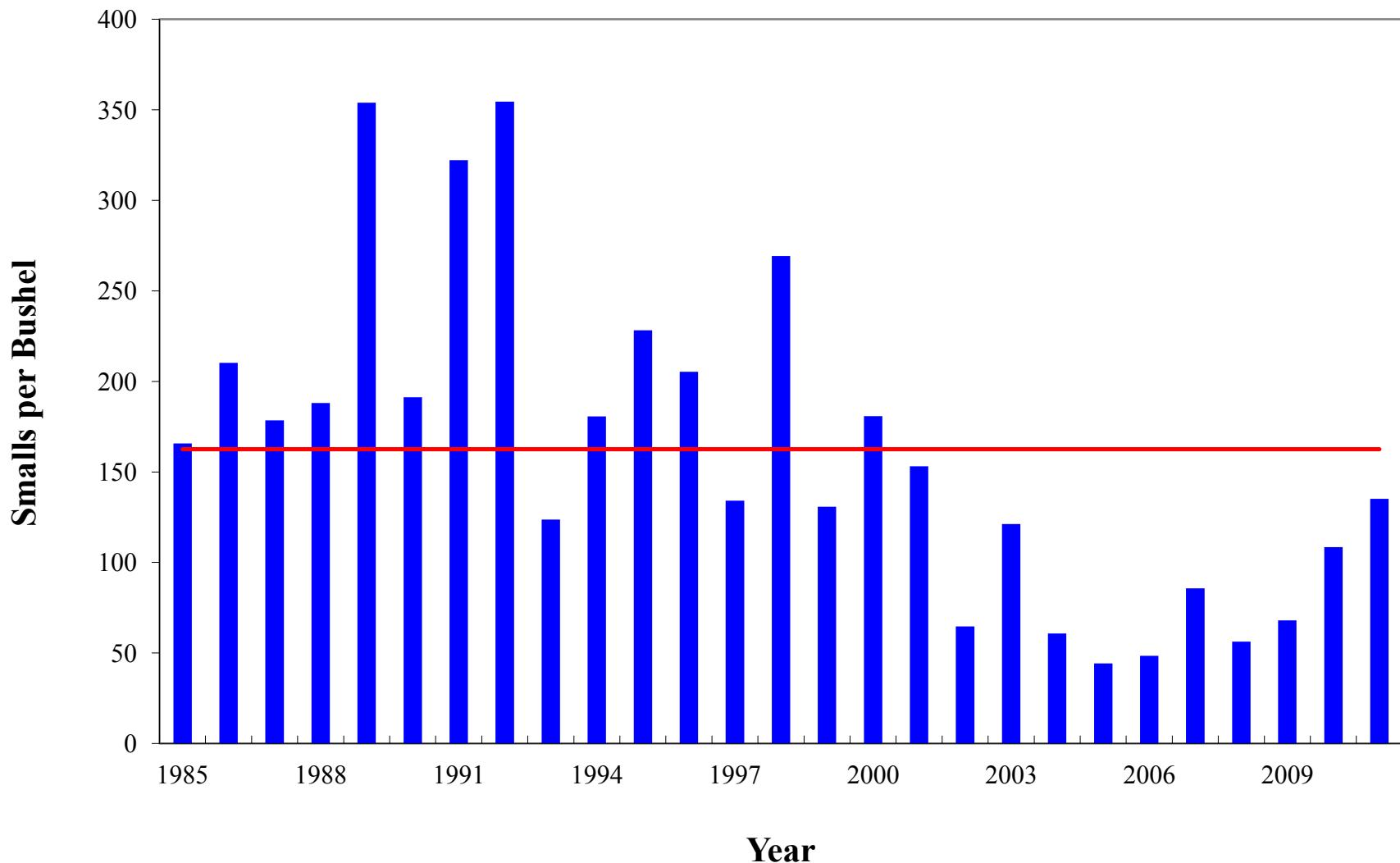
# Drum Bed Small Oysters



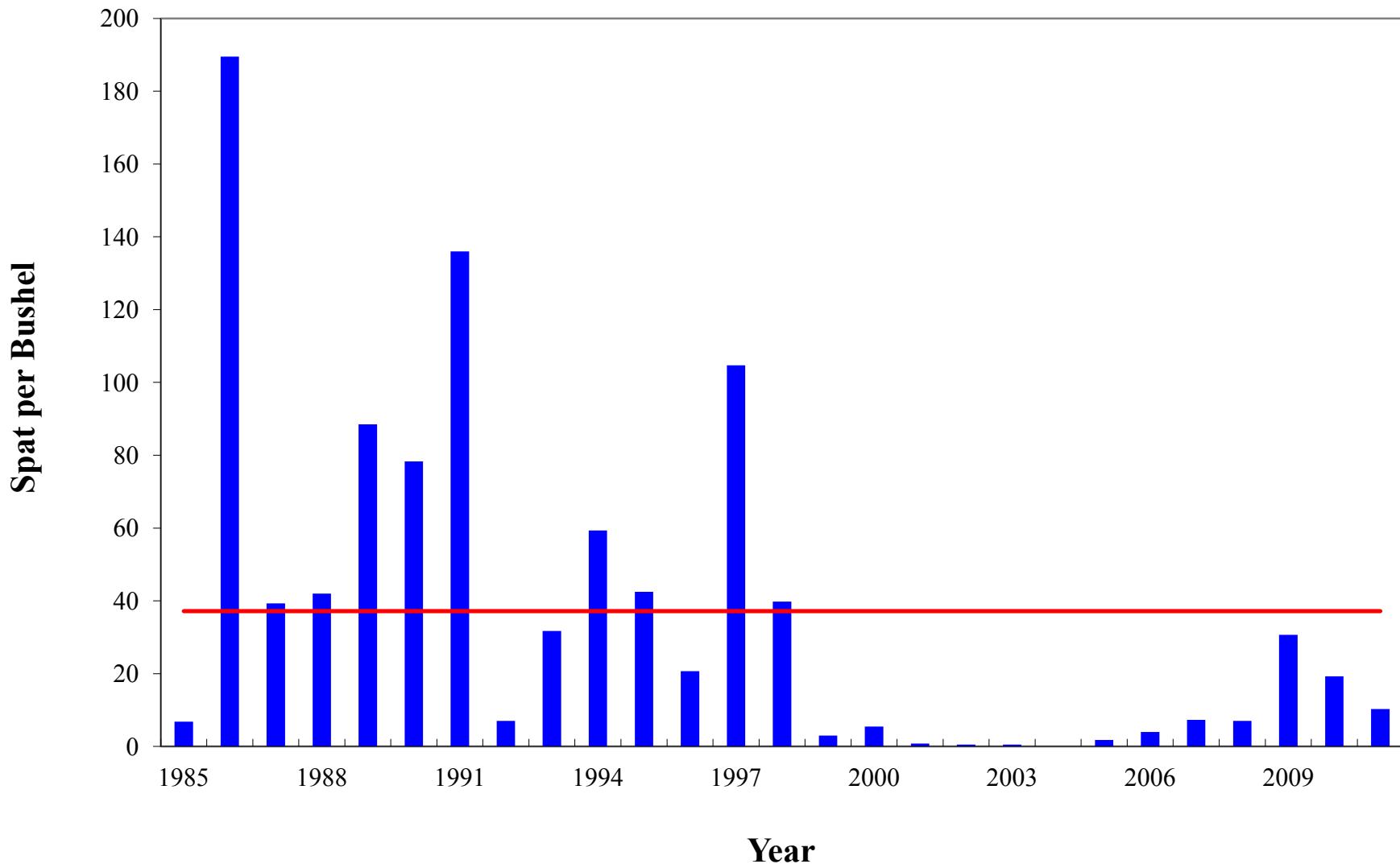
# Woodland Beach Market Oysters



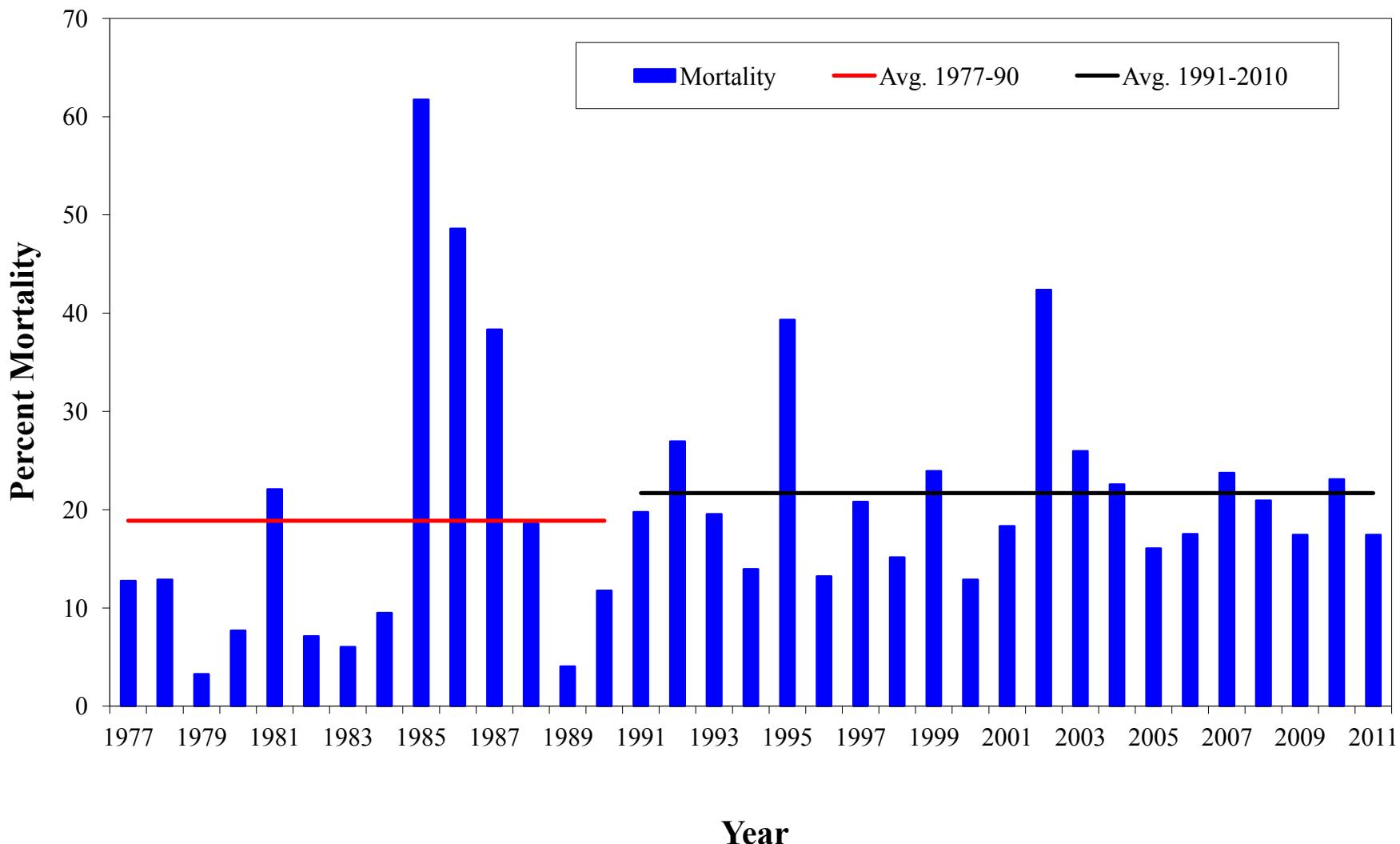
# Woodland Beach Small Oysters



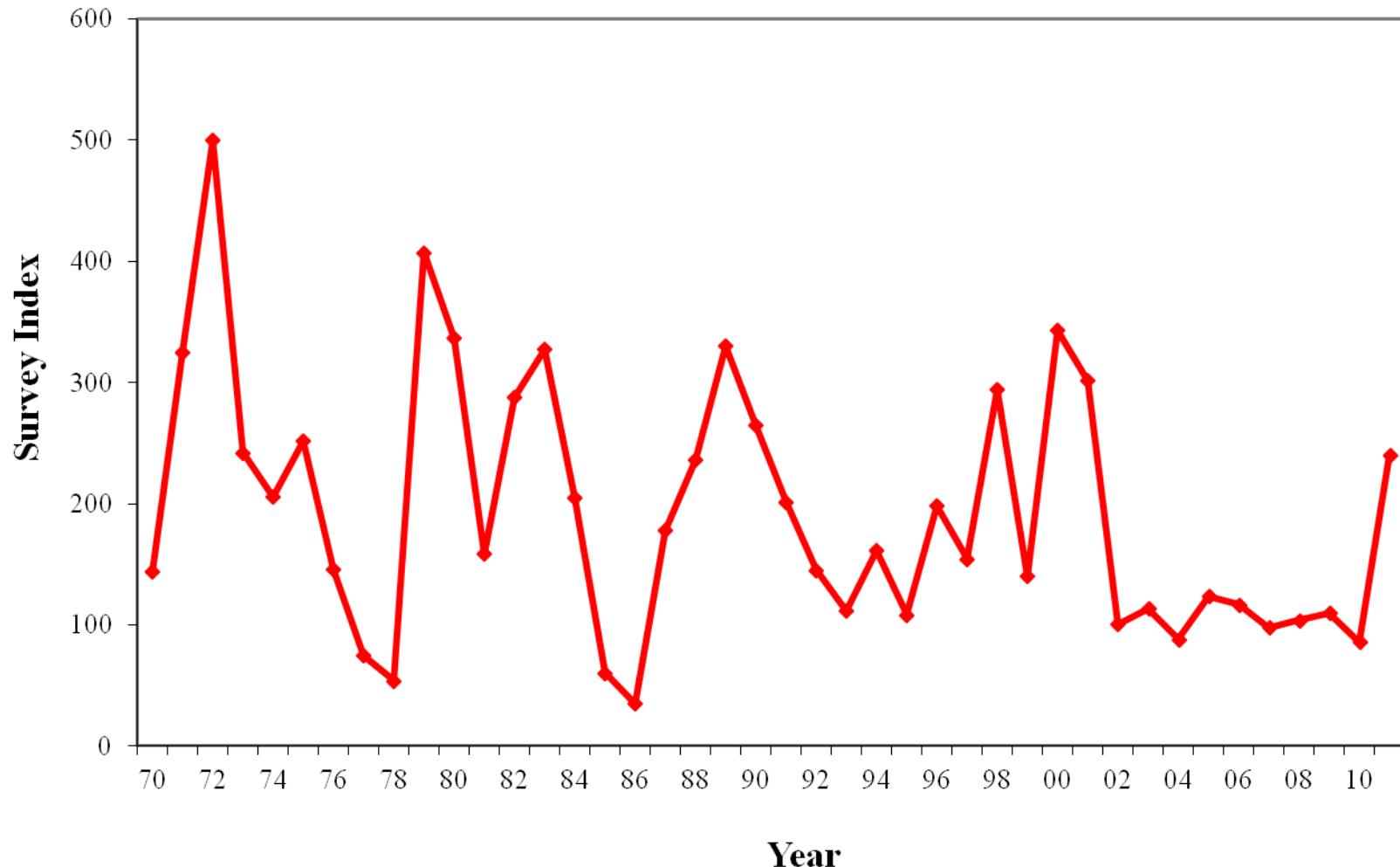
# Woodland Beach Spat per Bushel



## Average Annual Mortality (smalls + markets)



## Survey Index Over Time (Mean # small + market / bushel)

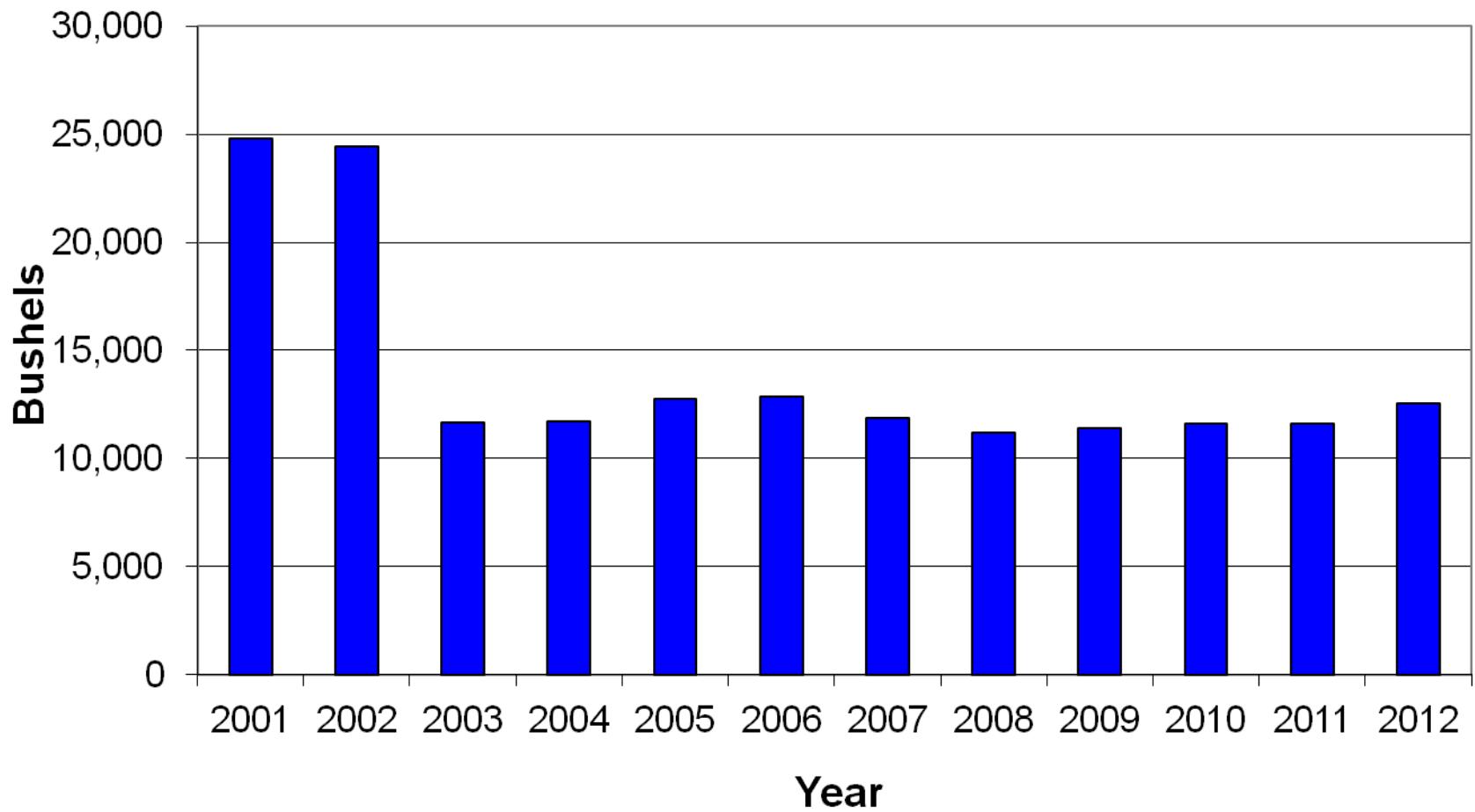


# Percentage of oysters greater than or equal to 2.75" and 3"

| <b>Bed</b>     | <b>% &gt; 2.75"</b> | <b>% &gt; 3"</b> |
|----------------|---------------------|------------------|
| Ridge          | 41.23               | 36.31            |
| Silver Bed     | 12.28               | 9.32             |
| Over-the-Bar   | 27.15               | 23.24            |
| Lower Middle   | 21.50               | 16.71            |
| Drum Bed       | 8.42                | 7.43             |
| <b>Average</b> | <b>22.12</b>        | <b>18.60</b>     |

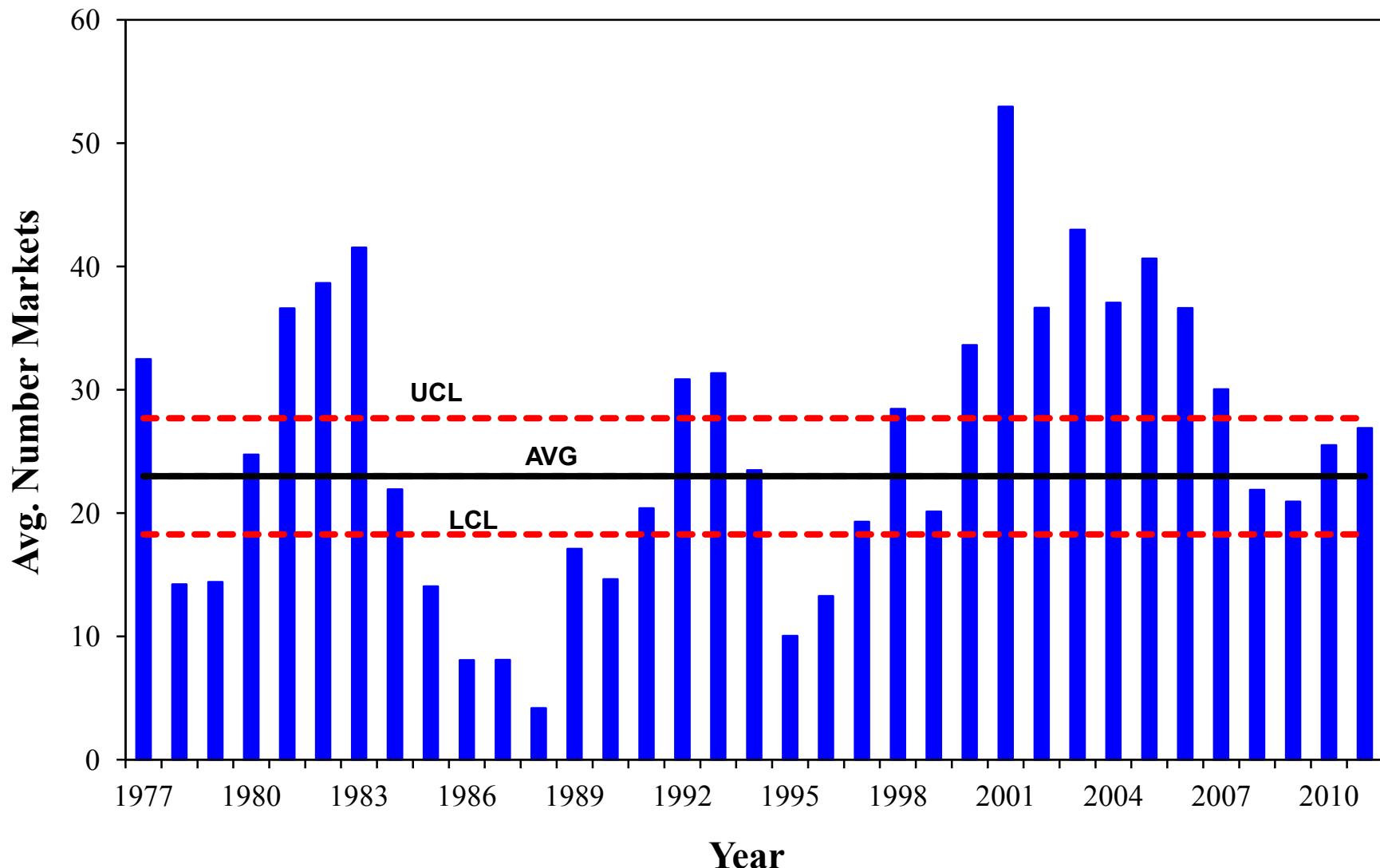
- 2012 quota is calculated from a nonlinear curve that describes the relationship between historical abundance (survey index) and harvest.
- 2012 quota = 12,555 bushels

## Annual Oyster Quota 2001-2012



# Pooled Average Number of Markets

(Upper C.I., Long-term Average (1977-2001), Lower C.I.)



**SEASON**

May 7 - June 23

Sep 3 – Dec 31

**QUOTA**

12,555 bushels

# Total Oyster Biomass on the Ridge (Markets + Smalls)

